GS22759-46

Nickel-Coated High-Strength Copper Wire with Lightweight XL-ETFE Insulation

NOTES

1. Wire is made in accordance with AS22759/46.
2. Conductor is nickel-coated high-strength copper per AS29606.
3. Insulation is crosslinked modified ETFE
4. Wire maximum continuous temperature rating is 200°C (392°F).
5. Voltage rating is 600 volts (RMS) at sea level.
6. Color code per MIL-STD-681. See MIL-STD-681 for additional wire color codes. Jacket color code must be white (9) if adding color stripes.
7. Consult factory for custom stripe color order.

HOW TO ORDER						
Sample Part Number	**GS22759-46**	**-24**	**-9**	**0**	**1**	**2**
Basic Part Number	**GS22759-46**					
Wire Size	See Table I					
Jacket Color Code	See Table II					
First Stripe Color Code	(Omit for none) See Table II					
Second Stripe Color Code	(Omit for none) See Table II					
Third Stripe Color Code	(Omit for none) See Table II					

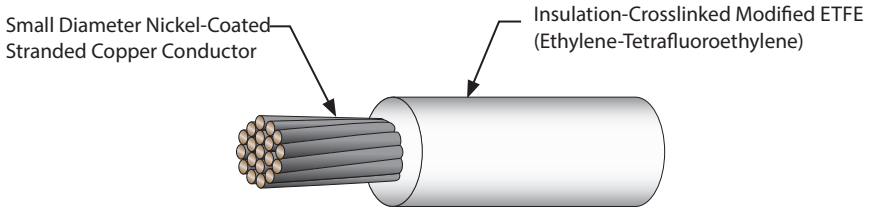

Table II: Jacket and Stripe Color Codes

Color code	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

Table I: Part Number and Wire Specifications

Part Number	Wire Size	Stranding (Number of strands x size gage of strands)	Diameter of stranded conductor (inches)		Finished Wire		
			min	max	Resistance at 20° C (68° F) (Ohms/ 1000 ft) max	Diameter (inches)	Weight (lbs/1000 ft) max
GS22759-46-28-*	28	7 X 36	0.0135	0.0164	79.0	.027±.002	0.91
GS22759-46-26-*	26	19 X 38	0.0175	0.0204	49.4	.032±.002	1.4
GS22759-46-24-*	24	19 X 36	0.0225	0.0254	30.1	.037±.002	2.0
GS22759-46-22-*	22	19 X 34	0.0285	0.0314	18.6	.043±.002	2.9
GS22759-46-20-*	20	19 X 32	0.0365	0.0394	11.4	.050±.002	4.4

© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 •
Glenair Signature Wire and Cable · Dimensions in Inches (millimeters) are subject to change without notice.